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RPTO/SB/21 (08-00)

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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	<b>Application Number</b>	10/645,818	
	<b>Filing Date</b>	August 20, 2003	
	<b>First Named Inventor</b>	Julien	
	<b>Group Art Unit</b>	1619	
	<b>Examiner Name</b>	Unassigned	
<b>Total Number of Pages in This Submission</b>	5	<b>Attorney Docket Number</b>	020547-002110US

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment / Response  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application)  <input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <b>1) Eleven (11) references</b> <b>2) Return receipt postcard</b> <b>3) International Search Report</b>
<b>Remarks</b>		The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430. <b>Total number of pages <u>does not</u> include cited references.</b>

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
<b>Firm and Individual name</b>	Townsend and Townsend and Crew LLP Randolph Ted Apple Reg No. 36,429
<b>Signature</b>	
<b>Date</b>	October 27, 2004

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: <span style="border: 1px solid black; padding: 2px;">October 27, 2004</span>			
<b>Typed or printed name</b>	Christopher R. Fitting		
<b>Signature</b>		<b>Date</b>	October 27, 2004

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60343448 v1



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PATENT  
Attorney Docket No.: 020547-002110US  
Client Reference No.: 010067.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Bryan JULIEN

Application No.: 10/645,818

Filed: August 20, 2003

For: TRANSFORMATION SYSTEM  
BASED ON THE INTEGRASE GENE  
AND ATTACHMENT SITE FOR  
MYXOCOCCUS XANTHUS  
BACTERIOPHAGE MX9

Examiner: Unassigned

Art Unit: 1619

INFORMATION DISCLOSURE  
STATEMENT UNDER 37 CFR §1.97 and  
§1.98

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The references cited on the attached PTO/SB/08A and PTO/SB/08B forms are being called to the attention of the Examiner. Copies of the non US patent references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

Also enclosed is a copy of the International Search Report for the corresponding PCT application.

As provided for by 37 CFR 1.97(g) and (h), no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information, and no inference should be made that the information and references cited are, or are considered to be material to patentability because they are in this statement. No inference should be made that the information and references cited are prior art merely because they are in this statement.

Applicant believes that no fee is required for submission of this statement.

However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read 'Randolph Ted Apple', with a long horizontal flourish extending to the right.

Randolph Ted Apple  
Reg. No. 36,429

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RTA:crf  
60303487 v1



Substitute for form 1449A/PTO

*(use as many sheets as necessary)*

Sheet

1

of

2

**Complete if Known**

Application Number	10/645,818
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Filing Date	August 20, 2003
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First Named Inventor	JULIEN, Bryan
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Art Unit	1619
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Examiner Name	Unassigned
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Attorney Docket Number	020547-002110US
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## U.S. PATENT DOCUMENTS+

[illegible]

## FOREIGN PATENT DOCUMENTS

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Examiner  
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**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

60303487 v1

Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/645,818
				Filing Date	August 20, 2003
				First Named Inventor	JULIEN, Bryan
				Art Unit	1619
				Examiner Name	Unassigned
Sheet	2	of	2	Attorney Docket Number	020547-002110US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	AD	Genbank accession number AY247757.	
	AE	Genbank accession number AY297770.	
	AF	Genbank accession number AY297771.	
	AG	Genbank accession number AF377950.	
	AH	JULIEN, "Characterization of the Integrase Gene and Attachment Site for the Myxococcus xanthus Bacteriophage Mx9," <u>J. Bacteriol.</u> , 185(21):6325-6330 (2003).	
	AI	LANZER et al., "Promoters largely determine the efficiency of repressor action," <u>PNAS</u> , 85:8973-8977 (1988).	
	AJ	LI et al., "Site-specific integration and expression of a developmental promoter in Myxococcus xanthus," <u>J. Bacteriol.</u> , 170(12):5552-5556 (1988).	
	AK	MAGRINI et al., "Site-specific recombination of temperate Myxococcus xanthus phage Mx8: genetic elements required for integration," <u>J. Bacteriol.</u> , 181(13):4050-4061 (1999).	
	AL	MAGRINI et al., "Site-specific recombination of temperate Myxococcus xanthus phage Mx8: regulation of integrase activity by reversible, covalent modification," <u>J. Bacteriol.</u> , 181(13):4062-4070 (1999).	
	AM	TOJO et al., "Integration of bacteriophage Mx8 into the Myxococcus xanthus chromosome causes a structural alteration at the C-terminal region of the IntP protein," <u>J. Bacteriol.</u> , 178(14):4004-4011 (1996).	
	AN	WU et al., "Regulation of expression of the pilA gene in <i>Myxococcus xanthus</i> ," <u>J. Bacteriol.</u> , 179(24):7748-7758 (1997).	

Examiner Signature		Date Considered	
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<sup>1</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.